

# BOTANIC

1	Course Title:	BOTANIC
2	Course Code:	OTPZ143
3	Type of Course:	Compulsory
4	Level of Course:	Short Cycle
5	Year of Study:	1
6	Semester:	1
7	ECTS Credits Allocated:	3.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	0.00
10	Laboratory (hour/week):	0
11	Prerequisites:	No Prerequirities
12	Language:	Turkish
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Öğr.Gör. GÖZDE KARABULUT
15	Course Lecturers:	
16	Contact information of the Course Coordinator:	gkarabulut@uludag.edu.tr Uludağ Üniversitesi Karacabey Meslek Yüksekokulu 16700-Karacabey/BURSA Tel. 0(224) 676 16 61
17	Website:	
18	Objective of the Course:	By gaining core knowledge about plant structure and function, gaining information about plant's micro and macro morphology, physiology and genetics
19	Contribution of the Course to Professional Development:	
20	Learning Outcomes:	
	1	To be able to learn core botanic notions
	2	To be able to gain the core knowledge about prokaryote and eukaryote cells and identify the similarities and differences
	3	To be able to identify plants' cell structure, tissue and organs
	4	To be able to explain cell organelles' functions and show relations of them
	5	To be able to learn core notions about trunks, roots, leaves and comment on these organs' functions
	6	To be able to learn about reproduction, meiosis, life cycles, genetic and inheritance norms
	7	To be able to explain core knowledge about plant diversity, flowering and non-flowering plants
	8	To be able to adapt basic botanic concepts into daily life
	9	
	10	
21	Course Content:	
	<b>Course Content:</b>	
Week	Theoretical	Practice

<b>1</b>	The definition of botanic, its scope and classification	
<b>2</b>	The concept of cell, the chemical structure of the cell	
<b>3</b>	Plant cell's structure and organelles (eukaryote and prokaryote cells)	
<b>4</b>	Protoplasm and ergastic agents	
<b>5</b>	Cell membrane, corridors and plasmodesma	
<b>6</b>	Cell division, meiosis, mitosis	
<b>7</b>	Plantal tissues, meristematic tissues, permanent tissues, protective tissues, parenchyma	
<b>8</b>	Repeating subjects and mid-term examination	
<b>9</b>	Support tissue, conducting tissue, secretory tissue	
<b>10</b>	Root and trunk in plants	
<b>11</b>	Leave and flower in plants	
<b>12</b>	Fruit and seed in plants	
<b>13</b>	Reproduction and life cycle in plants	
<b>14</b>	Plantal structures' process	

Activities			Number	Duration (hour)	Total Work Load (hour)
<b>THEORETICAL LEARNING ACTIVITIES</b>	<b>NUMBER</b>	<b>WEIGHT</b>			
Theoretical	1	14	2.00	28.00	
Practicals/Labs		0	0.00	0.00	
Self study and preparation	0	0	2.00	28.00	
Homeworks		0	0.00	0.00	
Projects		0	0.00	0.00	
Final Exam	1	60.00	0.00	0.00	
Field Studies		0	0.00	0.00	
Midterm exams		1	14.00	14.00	
Contribution of Term (Year) Learning Activities to			40.00		
Others			0	0.00	0.00
Final Exams			60.00	20.00	20.00
Contribution of Final Exam to Success Grade					
Total Work Load					104.00
Total work load/ 30 hr					3.00
Measurement and Evaluation Techniques Used in the					
ECTS Credit of the Course					3.00

## 24 ECTS / WORK LOAD TABLE

[illegible]

ÖK5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ÖK7	0	3	0	0	0	2	0	0	0	0	0	0	0	0	0	0
ÖK8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LO: Learning Objectives    PQ: Program Qualifications																
Contribution Level:	1 very low			2 low			3 Medium			4 High			5 Very High			